


6 Pin Power Connector		
Pin Function	COLOR	
1	NC	
2	YELLOW	
3	RED	
4	BLACK	
5	NC	
6	YELLOW/GREEN	



17 PIN Encoder Connector					
Pin	Function	COLOR	Pin	Function	COLOR
1	VCC+	WHITE	10	NC	
2	GND	BLACK	11	NC	
3	VB	ORANGE	12	NC	
4	GND	BROWN	13	SHIELDING	
5	NC		14	NC	
6	NC		15	NC	
7	NC		16	SD	BLUE
8	NC		17	SD	PURPLE
9	NC				

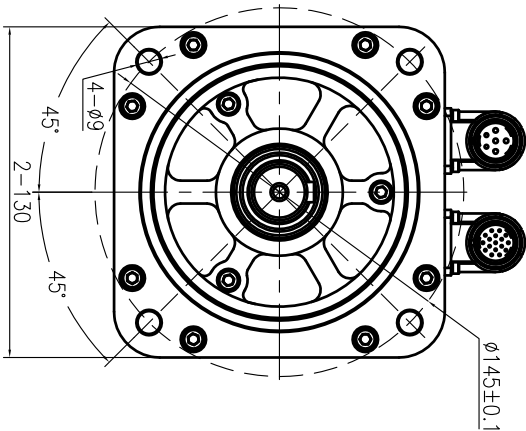
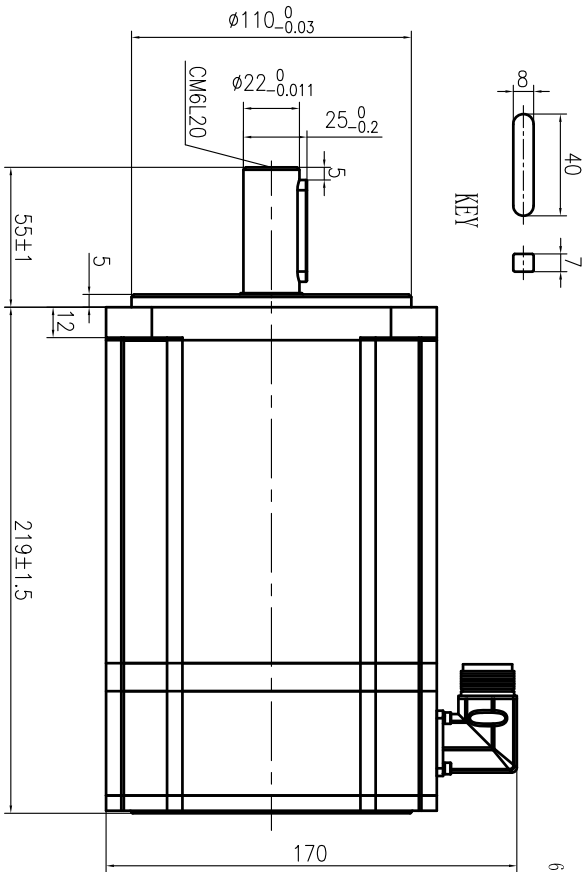


YL2217/L
17 PIN

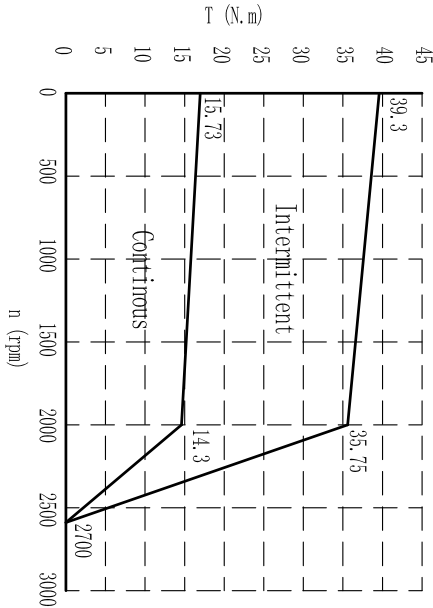


6 PIN MOTOR CONNECTOR

17 PIN ENCODER CONNECTOR



KEY



SNZRNPK00YDDDDNNNN

V1.1	KAI9065	LS	Z/B	19.4.2	DATE	P.N.	9.6555S
REV	ECN NO.	DRN	APPD	DATE	CHECK	TITLE	Outside Diagram
UNLESS OTHERWISE SPECIFIED				TOLERANCES			
DECIMALS:				ANGULAR:			
.x				±0.5			
.xx				±0°30'			
.xxx				±0.1			
UNIT: mm				SCALE			
DO NOT SCALE DRAWING				SHEET			
FIRST ANGLE PROJECTION				OF			
				Kinco			

Technical Data

No. of poles	8
DC link Voltage UDC (DC link)	560
Rated Power P _N (W)	3000
Rated Torque T _N (N.m)	14.3
Rated Speed n _N (rpm)	2000
Rated Current I _N (A)	6.7
Maximum torque T _m (N.m)	35.75
Maximum Current I _m (A)	20.1
Standstill torque T _s (N.m)	15.73
Standstill current I _s (A)	7.37
Resistance line-line R _L (Ω)	1.74
Inductance line-line L _L (mH)	18.9
Electrical time constant τ _e (ms)	10.86
Mechanical time constant τ _m (ms)	1.59
Voltage constant K _e (V/krpm)	142
Torque constant K _t (Nm/A)	2.35
Rotor moment of inertia J _m (Kg.cm ²)	29.1
Max. voltage rising du/dt (kV/μs)	8
Insulation class	F
Max. radial force Fr (N)	900
Max. axial force Fa (N)	450
Weight (kg)	12.3
Feed back device	absolute encoder
Temperature sensor	n. a.
Cooling method	Totally enclosed non-ventilated
protection level	IP65, shaft sealing IP54
Temperature	-20°C~40°C
Humidity	Below 90%RH (No dewing)
Environment	For any active gas, combustible gas, oil drop, ash
Installation altitude	IP 70 1000m rated power, above 1000m: 1.5% power decreasing per 100m, max. 400m
Mounting	Aluminum flange 45°x57x12.7mm
Rating conditions	60K housing temperature ring at 40°C ambient